

GSK299423

Chemical Properties

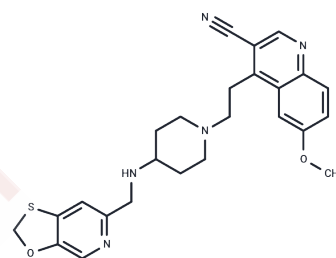
CAS No. : 1352149-24-6

Formula: C₂₅H₂₇N₅O₂S

Molecular Weight: 461.58

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	GSK299423 (GSK-299423) is a novel DNA rotamase inhibitor with antimicrobial activity for the study of lung infections.
Targets(IC50)	Antibacterial,Antibiotic,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1665 mL	10.8324 mL	21.6647 mL
5 mM	0.4333 mL	2.1665 mL	4.3329 mL
10 mM	0.2166 mL	1.0832 mL	2.1665 mL
50 mM	0.0433 mL	0.2166 mL	0.4333 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Mudeppa DG, et al. Topoisomerase II from Human Malaria Parasites: EXPRESSION, PURIFICATION, AND SELECTIVE INHIBITION. J Biol Chem. 2015 Aug 14;290(33):20313-24.
- Vos SM, et al. Direct control of type IIA topoisomerase activity by a chromosomally encoded regulatory protein. Genes Dev. 2014 Jul 1;28(13):1485-97.
- Singh SB, et al. Oxabicyclooctane-linked novel bacterial topoisomerase inhibitors as broad spectrum antibacterial agents. ACS Med Chem Lett. 2014 Mar 12;5(5):609-14.
- Bax BD, et al. Type IIA topoisomerase inhibition by a new class of antibacterial agents. Nature. 2010 Aug 19;466(7309):935-40.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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